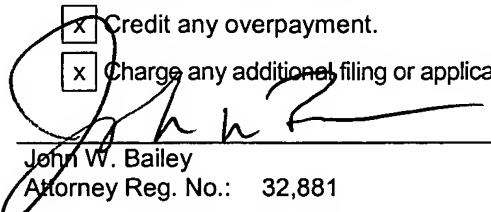




MS AF  
REPLY UNDER 37 C.F.R. § 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP

AR  
JFW

| AMENDMENT TRANSMITTAL LETTER   |   |   |                                   | Docket No.<br>0020-5209P        |      |
|--|---|---|-----------------------------------|---------------------------------|------|
| Application No.<br>10/736,708-Conf. #005696  |   | Filing Date<br>December 17, 2003        |                                   | Examiner<br>K. L. Peng          |      |
|  |   |   |                                   | Art Unit<br>1712                |      |
| Applicant(s): Motoomi ARAKAWA et al.   |   |   |                                   |                                 |      |
| Invention: COPOLYMER HAVING REACTIVE SILICON-CONTAINING GROUP AND ORGANIC-INORGANIC HYBRID POLYMERIC MATERIAL  |   |   |                                   |                                 |      |
| MS AF<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria, VA 22313-1450  |   |   |                                   |                                 |      |
| Transmitted herewith is an amendment in the above-identified application.<br>The fee has been calculated and is transmitted as shown below.  |   |   |                                   |                                 |      |
| CLAIMS AS AMENDED  |   |   |                                   |                                 |      |
|  | Claims<br>Remaining<br>After<br>Amendment | Highest<br>Number<br>Previously<br>Paid | Number<br>Extra Claims<br>Present | Rate                            |      |
| Total Claims   | 11  | - 20 =                                  |                                   | x                               |      |
| Independent<br>Claims  | 1   | - 3 =                                   |                                   | x                               |      |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/>   |   |   |                                   |                                 |      |
| Other fee (please specify):  |   |   |                                   |                                 |      |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:   |   |   |                                   |                                 | 0.00 |
| <input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity   |   |   |                                   |                                 |      |
| <input checked="" type="checkbox"/> No additional fee is required for this amendment.  |   |   |                                   |                                 |      |
| <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____.<br>A duplicate copy of this sheet is enclosed.   |   |   |                                   |                                 |      |
| <input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.  |   |   |                                   |                                 |      |
| <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.  |   |   |                                   |                                 |      |
| <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>02-2448</u><br>as described below. A duplicate copy of this sheet is enclosed. |   |   |                                   |                                 |      |
| <input checked="" type="checkbox"/> Credit any overpayment.  |   |   |                                   |                                 |      |
| <input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.   |   |   |                                   |                                 |      |
| <br>John W. Bailey<br>Attorney Reg. No.: 32,881   |   |   |                                   | Dated: <u>December 22, 2005</u> |      |
| BIRCH, STEWART, KOLASCH & BIRCH, LLP<br>8110 Gatehouse Road<br>Suite 100 East<br>P.O. Box 747<br>Falls Church, Virginia 22040-0747<br>(703) 205-8000   |   |   |                                   |                                 |      |



PATENT  
0020-5209P

IN THE U.S. PATENT AND TRADEMARK OFFICE

|            |   |                      |
|------------|---|----------------------|
| Applicant: | ARAKAWA et al.  | Conf.: 5696          |
| Appl. No.: | 10/736,708  | Group: 1712          |
| Filed:     | December 17, 2003   | Examiner: K. L. PENG |
| For:       | COPOLYMER HAVING REACTIVE SILICON-<br>CONTAINING GROUP AND ORGANIC-INORGANIC<br>HYBRID POLYMERIC MATERIAL |                      |

REPLY UNDER 37 CFR § 1.116

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the Examiner's Final Office Action of September 22, 2005, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

This amendment includes the following sections:

Amendments to the Claims (Pages 2-5), and

Remarks (Pages 6-10).